



# (WO/2005/045418) METHOD FOR CHECKING A WELD BETWEEN TWO METAL PIPELINES

Biblio. Data Description Claims National Phase Notices Documents

## Latest bibliographic data on file with the International Bureau

Publication Number: WO/2005/045418 International Application No.: PCT/NL2004/000784  
Publication Date: 19.05.2005 International Filing Date: 08.11.2004

Int. Class.: G01N 29/04 (2006.01)

Applicants: RÖNTGEN TECHNISCHE DIENST B.V. [NL/NL]; Delftweg 144, NL-3046 NC Rotterdam (NL) (*All Except US*).  
VAN DER ENT, Jan [NL/NL]; Willeke Joostenstraat 19, NL-4744 BL Bosschenhoofd (NL) (*US Only*).  
NISSELROIJ, Jacobus, Johannes, Mathijs [NL/NL]; Bakenbergseweg 144, NL-6814 MP Arnhem (NL) (*US Only*).

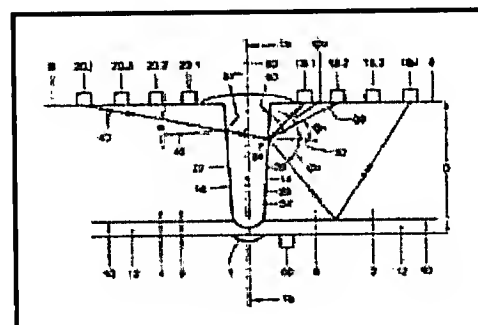
Inventors: VAN DER ENT, Jan [NL/NL]; Willeke Joostenstraat 19, NL-4744 BL Bosschenhoofd (NL).  
NISSELROIJ, Jacobus, Johannes, Mathijs [NL/NL]; Bakenbergseweg 144, NL-6814 MP Arnhem (NL).

Agent: WINCKELS, J., H., F.; Vereenigde, Johan de Wittlaan 7, NL-2517 JR Den Haag (NL).

Priority Data: 1024726 06.11.2003 NL

Title: METHOD FOR CHECKING A WELD BETWEEN TWO METAL PIPELINES

Abstract: A method for checking a weld (1) between a first metal pipeline (2) and a second metal pipeline (4), in particular an austenitic weld, the method comprising at least the following method steps: (a) a first ultrasonic beam (30) is transmitted to an interface (26) between the weld and the first pipeline situated on a first side (28) of the weld; (b) a reflection of the first ultrasonic beam (30) on the interface (26) situated on the first side (28) of the weld is received and a first received signal corresponding thereto is generated; (c) a second ultrasonic beam (40) different from the first ultrasonic beam (30) is transmitted to the interface (26) situated on the first side (28) of the weld; (d) a reflection of the second ultrasonic beam (40) on the interface (26) situated on the first side (28) of the weld is received and a second received signal corresponding thereto is generated; (e) the first received signal and the second received signal are processed in combination for checking the weld (1).



Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.  
African Regional Intellectual Property Org. (ARIPO) (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW)  
Eurasian Patent Organization (EAPO) (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM)  
European Patent Office (EPO) (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR)  
African Intellectual Property Organization (OAPI) (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Publication Language:

English (EN)

Filing Language:

Dutch (NL)